IN THE UNITED STATES PATENT AND TRADEMARK OFFICE In re Application of: NIELSEN, et al. Art Unit: 1636 Serial No.: 09/743,414 Examiner: LEFFERS JR, G. Washington, D.C. Filed: June 14, 2001 For: METABOLICALLY ENGINEERED MICROBIAL CELL WITH AN... Atty.'s Docket: NIELSEN=4 Confirmation No.: 2283 Date: March 17, 2004 U.S. Patent and Trademark Office 2011 South Clark Place MAR 1 7 2004 Customer Window Crystal Plaza Two, Lobby, Room 1B03 Arlington, Virginia 22202 Transmitted herewith is an [XX] Amendment [XX] Abstract in the above-identified application. [] Small entity status of this application under 37 CFR 1.9 and 1.27 has been established by a verified statement previously submitted. Small entity status of this application under 37 CFR 1.9 and 1.27 has been previously asserted. A verified statement to establish small entity status under 37 CFR 1.9 and 1.27 is enclosed.] No additional fee is required. The fee has been calculated as shown below: (Col. 1) Small Entity (Col. 2) (Col. 3) Other Than a Small Entity Highest No. Additional Claims Present Rate Rate Additional Remaining After Previously Extra Fee Fee Paid For Amendment Total Minus 20 x 9 \$ 23 x18 \$414.00 Indep. Minus 'n ×43 \$ x86 First Presentation of Multiple Dependent Claim 145 \$ +290 ADDITIONAL CLAIMS \$ Total \$414.00 If the entry in Col. 1 is less than the entry in Col. 2, write "0" in Col. 3.

* If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, write "20" in this space.

** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 3, write "3" in this space. The "Highest Number Previously Paid For" (total or independent) is the highest number found from the equivalent box in Col.1 of a prior amendment of the number of claims originally filed. [XX] Conditional Petition for Extension of Time If any extension of time for a response is required applicant requests that this be considered a petit [] It is hereby petitioned for an extension of time in accordance with 37 CFR 1.136(a). The appropriate fee required by 37 CFR 1.17 is calculated as shown below: Small Entity Other Than Small Entity Response Filed Within Response Filed Within [] First - \$ 55.00] First - \$ 110.00 Second -\$ 210.00 Second - \$ 420.00 ſ 1 1 [Third \$ 475.00 - \$ 950.00 1 ſ 1 Third Fourth \$ 740.00 Fourth - \$1480.00 [1 Fifth \$1005.00 Fifth - \$2010.00

[] Fifth - \$1005.00 [] Fifth - \$2010.00

[] Less fees (\$) already paid for months extension of time on ...

[] Please charge my Deposit Account No. 02-4035 in the amount of \$______. A duplicate copy of this sheet is attached.

[] A check in the amount of \$______ is attached (check no.).

[XX] Credit Card Payment Form, PTO-2038, authorizing payment in the amount of \$414.00 is attached.

tan) Credit Card rayment rorm, Pro-2008, authorizing payment in the amount of \$414.00 is accached.

[XX] The Commissioner is hereby authorized and requested to charge any additional fees which may be required in connection with this application or credit any overpayment to Deposit Account No. 02-4035. This authorization and request is not limited to payment of all fees associated with this communication, including any Extension of time fee, not covered by check or specific authorization, but is also intended to include all fees for the presentation of extra claims under 37 CFR Section 1.16 and all patent processing fees under 37 CFR Section 1.17 throughout the prosecution of the case. This blanket authorization does not under 37 CFR Section 1.18.

By:

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:) Art Unit: 1636
NIELSEN, et al.) Examiner: LEFFERS JR., G
Serial No.: 09/743,414) Washington, D.C.
Filed: June 14, 2001) March 17, 2004
For: METABOLICALLY ENGINEERED) MICROBIAL CELL WITH AN)) Docket No.: NIELSEN=4
ALTERED METABOLITE) Confirmation No.: 2283

AMENDMENT UNDER RULE 1.115

U.S. Patent and Trademark Office 2011 South Clark Place Customer Window Crystal Plaza Two, Lobby, Room 1B03 Arlington, Virginia 22202

Sir:

In response to the office action mailed December 17, 2003, please enter the following amendments and remarks.

Amendments to the Claims are reflected in the listing of claims which begins on page 2 of this paper.

Abstract instructions begin on page 8 of this paper.

Remarks begin on page 9 of this paper.

An Appendix including a substitute Abstract is attached following page 13 of this paper.

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